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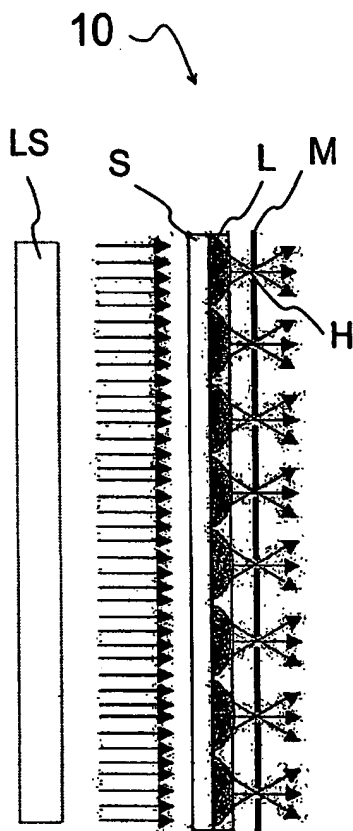
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(54) Title: SWITCHABLE LENS DISPLAY



(57) Abstract: The display device (10,20,30) according to the invention comprises at least a layer of substantially transparent substrate (S), a pinhole mask (M) carrying an array of pinholes (H) and arranged in front of said substrate (S) each pinhole (H) corresponding to a single pixel, and an array of electrically controllable refractive or diffractive lenses (L) or corresponding optical components arranged between said substrate (S) and said pinhole mask (M) to affect in an electrically controlled manner the divergence of the light travelling through said substrate (S) towards said pinhole mask (M). The invention may be used to create transmissive, reflective or fluorescent displays with high contrast and high brightness.

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